

Title (en)  
PROCESS FOR THE PRODUCTION OF N- 3-(3-CYANOPYRAZOLO 1,5-A] PYRIMIDIN-7-YL)PHENYL]-N-ETHYLACETAMIDE (ZALEPLON)

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON N 3 (3 CYANOPYRAZOLO 1,5 A]PYRIMIDIN 7 YL)PHENYL]-N-ETHYLACETAMID (ZALEPLON)

Title (fr)  
PROCEDE POUR LA PRODUCTION DE N- 3-(3-CYANOPYRAZOLO 1,5-A] PYRIMIDINE-7-YLE)PHENYLE]-N-ETHYLACETAMIDE (ZALEPLON)

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Application  
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Abstract (en)  
[origin: WO02100828A2] The present invention provides a process for the production of N-[3(3-cyanopyrazolo[1,5-a]pyrimidin-7-yl)phenyl]-N-ethylacetamide (zaleplon), an active ingredient that is approved for the treatment of insomnia. The process involves reacting N-[3-[3-(dimethylamino)-1-oxo-2-propenyl]phenyl]-N-ethylacetamide or a salt thereof with 3-amino-4-cyanopyrazole or a salt thereof under acidic conditions in a reaction medium comprising a mixture of water and a water-miscible organic compound.

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Citation (search report)  
• [E] WO 03011228 A2 20030213 - BIOGAL GYOGYSZERGYAR [HU], et al  
• [E] WO 03095456 A1 20031120 - ADAMED SP ZOO [PL], et al

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